

No. 871,211.

PATENTED NOV. 19, 1907.

G. W. DUNN.
WALL AND CEILING DECORATION.
APPLICATION FILED FEB. 1, 1906.

Fig. 1.

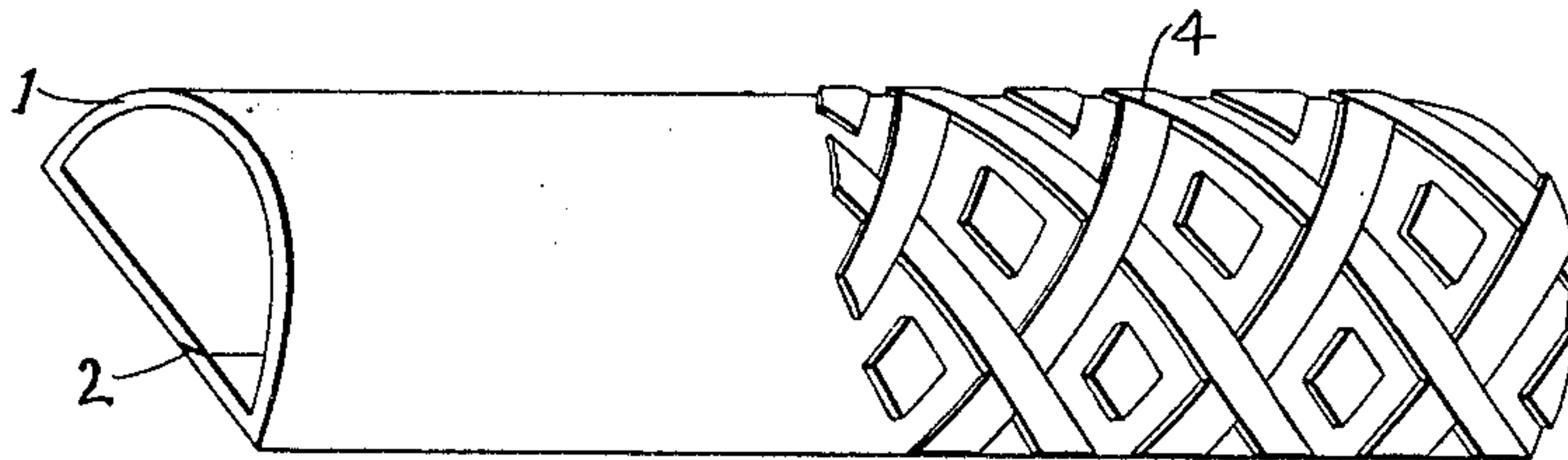


Fig. 2.

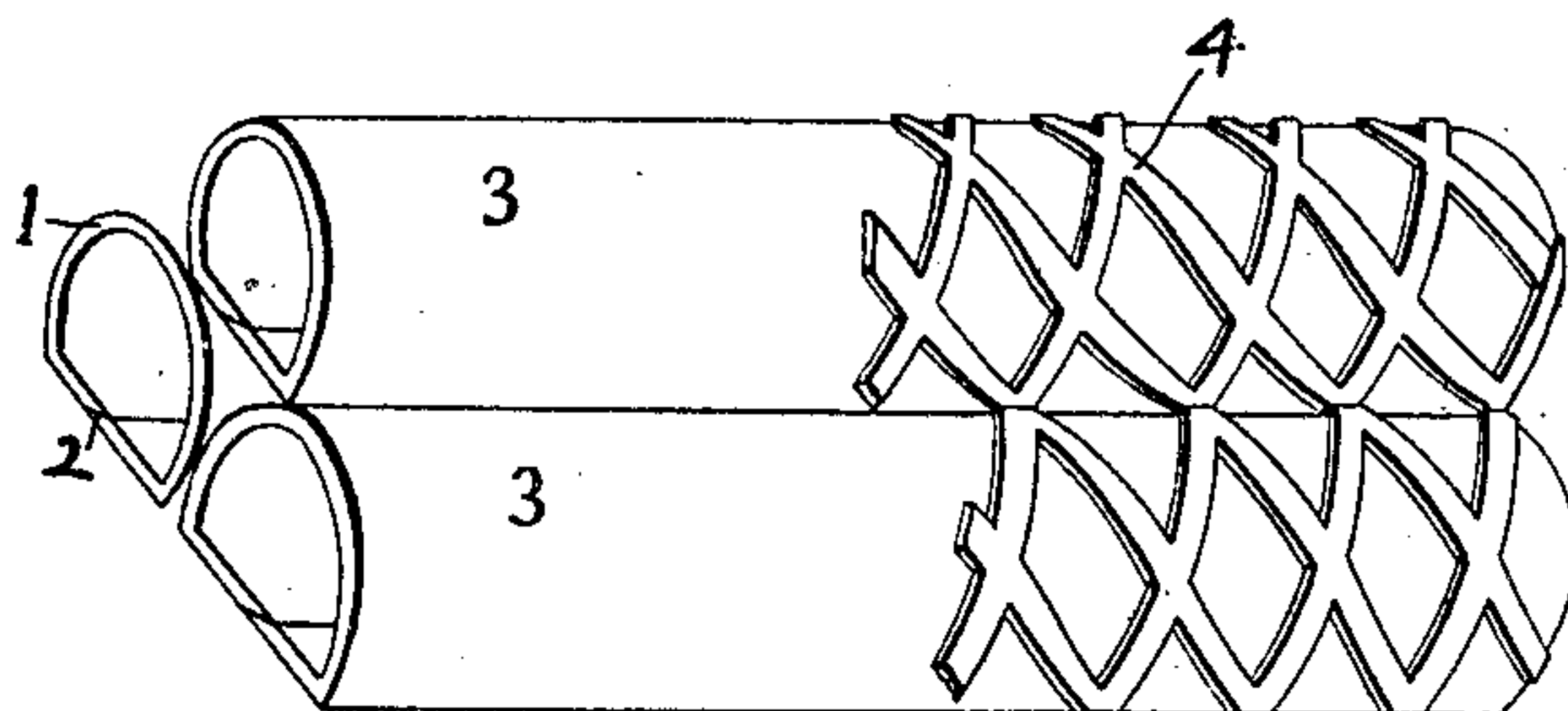
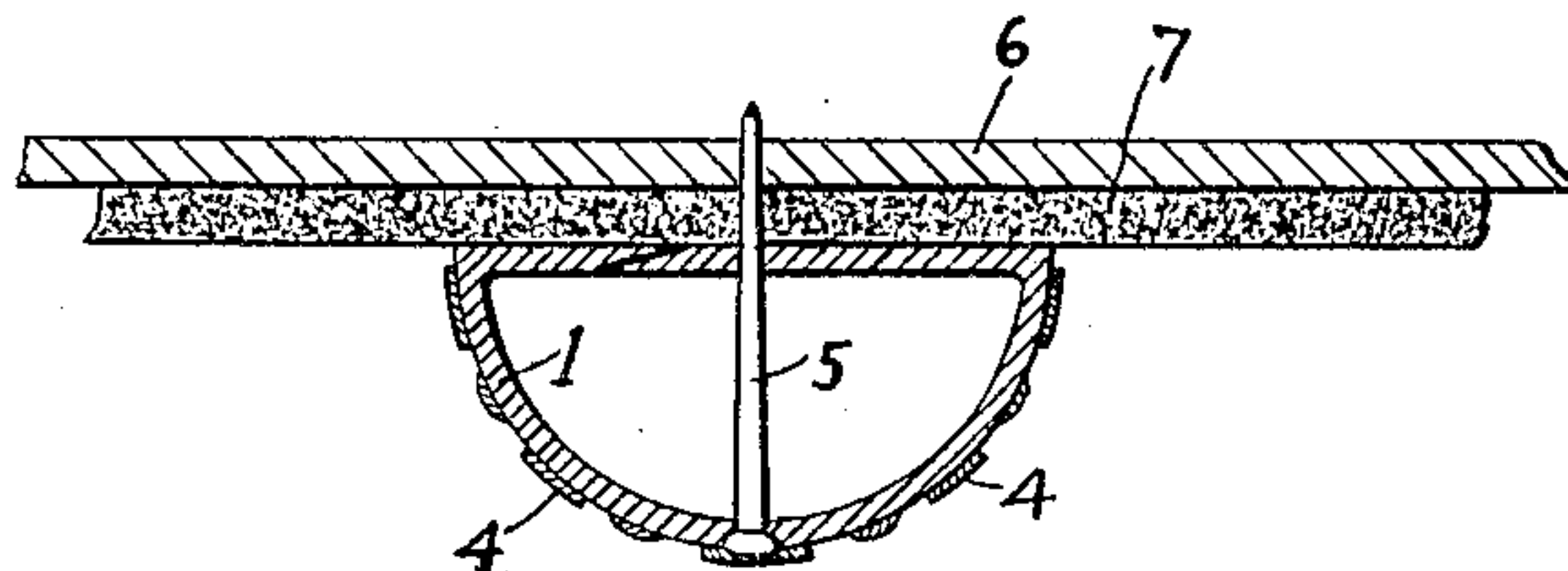


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

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WALL AND CEILING DECORATION.

No. 871,211.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE W. DUNN, a citizen of the United States, residing in Newport, county of Campbell, and State of Kentucky, have invented certain new and useful Improvements in the Construction of Wall and Ceiling Decorations, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My improvements relate to the decoration of walls and ceilings for ceiling relief, and the improvements consist in interposing a hollow base of paper material, between the relief work and the plaster and then in securing the hollow base to the lath work by screws or nails.

Heretofore ceiling relief has been constructed of plaster of paris, papier mâché, or other material, and secured directly to the ceiling by plaster of paris, or otherwise. As a result, the relief work which is frequently heavy is very apt to crack and crumble, or to break the key of the plaster from the lath work.

My improvements consist in providing a hollow base of paper such as felting, which is exceedingly light and easily handled, upon which the embossed paper or plaster of paris or other, relief work may be readily secured, and by means of which paper base the relief work thus constructed can be readily and easily secured to the lath of the wall, or ceiling, by screws or nails, so that all strain is removed from the plaster of the wall or ceiling, and there is no liability of the relief work itself cracking or breaking, or the plaster itself pulling away from the wall or ceiling. Moreover, with the use of such hollow paper base, there is no liability of expansion and contraction by heat and cold, under which the ordinary plaster of paris relief work is so frequently damaged.

In the drawings, Figure 1 is a perspective view of a small section of my hollow paper base for the relief work. Fig. 2 is a similar view showing one method of building up the base, and Fig. 3 is a cross section of the relief work as secured to the ceiling lath.

In the drawings I have not attempted to illustrate anything elaborate in the way of ceiling relief, and I have merely indicated on one end of the sections a very small conventional design to illustrate my relief construction.

I form a hollow base, preferably of paper felting, 1, which is light, and easily handled by wrapping the paper around a core bar of the proper and desired shape, and then glue the overlapping edges of the felt together at 2, and as soon as the glue is dried, the core can be removed, leaving the hollow base. Any desired shape in cross section may, of course, be provided for the hollow base, the bottom of same being flat, so that it may be readily secured to the wall or ceiling.

When it is desired to provide a more elaborate base for the relief work, I build up the hollow forms as shown in Fig. 2 at 3—3, each of the hollow forms as illustrated in Fig. 2 being made separately and secured together by gluing, or otherwise. Having thus prepared my form, or base, the plaster of paris, papier mâché, or other ornamentation 4, may be secured upon the hollow base forms.

In order to secure the relief work to the wall, or ceiling, I provide nails or screws 5, which can be readily passed through the hollow form, and driven into the lath or wood-work base 6, so that there is no strain whatever on the plaster 7 of the wall or ceiling.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is:

In a wall and ceiling decoration, a hollow form of paper material, with a flat base, attaching nails passing through said hollow form, and projecting beyond said flat base to take through the plaster and into the lath of the wall, with heavy relief work of plaster material secured to the outer surface of said hollow paper form, substantially as described.

GEORGE W. DUNN.

Witnesses:

GLENA PRITCHARD,
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